

Atty. Dkt. No. 016907-1613

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Minoru SUZUKI et al.  
Title: IMAGE FORMING APPARATUS  
Appl. No.: Unassigned  
Filing Date: 03/12/2004  
Examiner: Unassigned  
Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b),

within three (3) months of the filing date of the application.

### **RELEVANCE OF EACH DOCUMENT**

Document A1 discloses the technology of changing the allotment of memory domain so that parallel operation of two or more processes can be carried out. (Fig. 1 and lines 1-47 of left portion of page 5.)

Document A2 discloses technology which assigns a part of an empty domain of memory to the process which runs short of domains. (Figs. 4, 5 and lines 1-43 of left portion of page 5.)

Document A3 discloses the technology of a controller which controls image processing by the time rate in order to read both sides of a manuscript simultaneously.

Document A4 discloses technology which chooses processing by hardware and processing by software for the purpose used in JPEG-compression processing. (Fig. 1 and lines 33-42 of left portion of page 6.)

Document A5 discloses technology which controls the speed of the circumference unit connected to the main part of operation according to the speed of a main part. (fig. 1 and lines 2-20 of right portion of page 4.)

Document A6 discloses technology which chooses the case where image processing is performed in parallel to scanning, and the case where it performs in parallel to printing. (Fig. 2 and lines 33-42 of left portion of page 3.)

English translations of the foreign-language documents are not readily available. However, the absence of such translations does not relieve the PTO from its duty to consider the submitted foreign language documents (37 CFR §1.98 and MPEP §609). English language abstracts are provided herewith.

Applicants respectfully request that any listed document be considered by the

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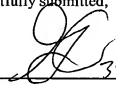
Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.


Respectfully submitted,

Date March 12, 2004

By

 34321

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| Substitute for form 1449B/PTO<br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>Date Submitted: March 12, 2004<br>(use as many sheets as necessary) |   |    | <b>Complete If Known</b><br>Application Number Unassigned<br>Filing Date 03/12/2004<br>First Named Inventor Minoru SUZUKI<br>Group Art Unit Unassigned<br>Examiner Name Unassigned<br>Attorney Docket Number 016907-1613 |  |  |
| Sheet                                                                                                                                                            | 1 | of | 1                                                                                                                                                                                                                        |  |  |

## U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                         | Name of Patentee or Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|-----------------------|--------------------------|----------------------|-----------------------------------------|----------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------|
|                       |                          | Number               | Kind<br>Code <sup>2</sup> (if<br>known) |                                                    |                                                        |                                                                                    |
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## FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document |                     |                                      | Name of Patentee or<br>Applicant of Cited Documents | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns,<br>Lines, Where<br>Relevant<br>Passages or<br>Relevant<br>Figures Appear | T <sup>6</sup> |
|-----------------------|--------------------------|-------------------------|---------------------|--------------------------------------|-----------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------------|----------------|
|                       |                          | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |                                                     |                                                        |                                                                                          |                |
|                       | A1                       | JP                      | 2003-091425         | A                                    | RICOH CO., LTD.                                     | 03-28-2003                                             |                                                                                          | Abstract       |
|                       | A2                       | JP                      | 2003-067243         | A                                    | RICOH CO., LTD.                                     | 03-07-2003                                             |                                                                                          | Abstract       |
|                       | A3                       | JP                      | 2002-109527         | A                                    | RICOH CO., LTD.                                     | 04-12-2002                                             |                                                                                          | Abstract       |
|                       | A4                       | JP                      | 2003-078769         | A                                    | CANON INC.                                          | 03-14-2003                                             |                                                                                          | Abstract       |
|                       | A5                       | JP                      | 3-84561             | A                                    | RICOH CO., LTD.                                     | 04-10-1991                                             |                                                                                          | Abstract       |
|                       |                          |                         |                     |                                      |                                                     |                                                        |                                                                                          |                |
|                       |                          |                         |                     |                                      |                                                     |                                                        |                                                                                          |                |

## NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the<br>item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s),<br>publisher, city and/or country where published. | T <sup>6</sup> |
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| Examiner<br>Signature | /Negussie Worku/ | Date<br>Considered | 08/21/2008 |
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. I.N.W./